

B AUTO,2

21feb06 09:33:49 User264717 Session D415.1  
\$0.00 0.190 DialUnits FileHomeBase  
\$0.00 Estimated cost FileHomeBase  
\$0.03 INTERNET  
\$0.03 Estimated cost this search  
\$0.03 Estimated total session cost 0.190 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 6:NTIS 1964-2006/Feb W1  
(c) 2006 NTIS, Intl Cpyrght All Rights Res  
File 8:EI Compendex(R) 1970-2006/Feb W2  
(c) 2006 Elsevier Eng. Info. Inc.  
File 25:Weldasearch-19662006/Jan (c) 2006 TWI Ltd  
File 36:MetalBase 1965-20060220  
(c) 2006 The Dialog Corporation  
File 63:Transport Res(TRIS) 1970-2006/Jan  
(c) fmt only 2006 Dialog  
File 65:Inside Conferences 1993-2006/Feb W3  
(c) 2006 BLDSC all rts. reserv.  
File 81:MIRA - Motor Industry Research 2001-2006/Dec  
(c) 2006 MIRA Ltd.  
File 94:JICST-EPlus 1985-2006/Nov W4  
(c)2006 Japan Science and Tech Corp(JST)  
File 95:TEME-Technology & Management 1989-2006/Feb W3  
(c) 2006 FIZ TECHNIK  
File 266:FEDRIP 2005/Dec  
Comp & dist by NTIS, Intl Copyright All Rights Res  
File 2:INSPEC 1898-2006/Feb W2  
(c) 2006 Institution of Electrical Engineers  
**\*File 2: Archive data back to 1898 has been added to File 2.**

Set	Items	Description
---	-----	-----

?

Set	Items	Description
S1	0	(AUTOMATIC CLUTCH CONTROL) AND SPEED? AND TRANSMISSION AND COEF?
S2	0	(AUTOMATIC? (W) CLUTCH?) AND CONTROL AND SPEED? AND TRANSMISSION? AND COEF?
S3	24	(CLUTCH?) AND CONTROL AND SPEED? AND TRANSMISSION? AND COEF?
S4	22	RD (unique items)
S5	2	(CLUTCH?) AND CONTROL? AND SPEED? AND TRANSMISSION? AND COEF? AND PD<=021025
?		

T S5/3,KWIC/1-2

5/3,KWIC/1 (Item 1 from file: 81)  
DIALOG(R) File 81:MIRA - Motor Industry Research  
(c) 2006 MIRA Ltd. All rts. reserv.

83200

**Ways of Reducing the Fuel Consumption of Passenger Cars with  
Hydromechanical Transmissions**

RASKIN VE; et al

Avtom Prom, May 82

May 1, 1982

Page : 12

Collation : (3 p, 7 fig)

Document Type: JOURNAL Language: RUSSIAN

Record Type: ABSTRACT

Supplier Record Type: AA

**Ways of Reducing the Fuel Consumption of Passenger Cars with  
Hydromechanical Transmissions**

The article examines the factors enabling some passenger cars equipped with a hydrokinetic automatic transmission to return a better fuel consumption than their counterparts fitted with a conventional mechanical gearbox...

...fuel consumption at 90 km/h) - 0.1286 (fuel consumption at 120 km/h). Automatic- transmission factors considered for their effect on fuel economy are the final-drive ratio, the overdrive...

...torque-converter lock-up, the first-, second-, and third-gear ratios, and the input-torque coefficient .

The investigations made permit the following conclusions with regard to the provision of maximum fuel economy with small-capacity, hydrokinetic automatic transmissions : (1) four forward gears should be provided; if the last in the range is an...

...2) the torque converter should have load properties providing, under stop/start conditions, a crankshaft speed greater than 2100 rev/min and a torque-conversion coefficient greater than or equal to 2.1 (where the product of the first-gear and...

...the product of the first-gear and axle ratios is 8.36:1), (3) the transmission control system should vary the oil pressure in proportion to the friction- clutch torque, and (4) gear-changing should be effected by an electronic control system so that the gear engaged is always that best for fuel economy and, with torque-converter lock-up, lug-down below the minimum-permissible crankshaft speed does not occur. (AJG)

5/3,KWIC/2 (Item 1 from file: 95)  
DIALOG(R) File 95:TEME-Technology & Management  
(c) 2006 FIZ TECHNIK. All rts. reserv.

00614966 M92103482554

**Test control and monitoring of friction materials using a personal computer  
and the OS/2 operating system**

(Steuerung und Ueberwachung der Pruefung von Reibwerkstoffen mit Hilfe des Personalrechners und des OS/2 Ablaufprogramms)

Clark, DR; Clay, B  
SAE-Papers, v1992-3, nMay, ppl-9, 1992  
Document type: Conference paper Language: English  
Record type: Abstract  
ISSN: 0148-7191

**Test control and monitoring of friction materials using a personal computer and the OS/2 operating system**  
1992

ABSTRACT:

Current methods for testing friction materials are based on the SAE No. 2 Clutch Friction Machine Test Procedures - SAE J286 NOV83 and BAND SAE J1499. These methods have been...

...with flywheels to produce the desired kinetic energy. An oscillograph recording system measures torque, pressure, speed, and temperature. These tests provide dynamic and static friction coefficients and the effective stop time of transmission clutch friction materials while submerged in their working fluids. This is a personal computer based system for high speed data acquisition, control and analysis of data from friction plate and band test machines. The system is implemented...

...a mouse driven graphical operator interface and multi-tasking software. The system acquires data and controls up to four test machines simultaneously.

DESCRIPTORS: FRICTION; FRICTION LINING; TESTING; TEST STANDS; CONTROL ; MICROCOMPUTERS; COMPUTER SOFTWARE; TEMPERATURE; PRESSURE; ANGULAR SPEED ; TORQUE  
?

S (AUTOMATIC CLUTCH CONTROL) AND SPEED? AND TRANSMISSION AND COEF?

4 AUTOMATIC CLUTCH CONTROL

1025897 SPEED?

1130631 TRANSMISSION

943228 COEF?

S1 0 (AUTOMATIC CLUTCH CONTROL) AND SPEED? AND TRANSMISSION  
AND COEF?

?

S (AUTOMATIC? (W) CLUTCH?) AND CONTROL AND SPEED? AND TRANSMISSION? AND COEF?  
693380 AUTOMATIC?  
11184 CLUTCH?  
99 AUTOMATIC?(W)CLUTCH?  
3554927 CONTROL  
1025897 SPEED?  
1150679 TRANSMISSION?  
943228 COEF?  
S2 0 (AUTOMATIC? (W) CLUTCH?) AND CONTROL AND SPEED? AND  
TRANSMISSION? AND COEF?  
?

T S4/3/1-22

**4/3/1 (Item 1 from file: 8)**

DIALOG(R)File 8:EI Compendex(R)

(c) 2006 Elsevier Eng. Info. Inc. All rts. reserv.

07065911 E.I. No: EIP04418398664

**Title: A gearshift controller for twin clutch transmissions**

Author: Goetz, M.; Levesley, M.C.; Crolla, D.A.

Source: VDI Berichte n 1786 2003. p 381-400

Publication Year: 2003

CODEN: VDIBAP ISSN: 0083-5560

Language: English

**4/3/2 (Item 1 from file: 81)**

DIALOG(R)File 81:MIRA - Motor Industry Research

(c) 2006 MIRA Ltd. All rts. reserv.

83200

**Ways of Reducing the Fuel Consumption of Passenger Cars with  
Hydromechanical Transmissions**

RASKIN VE; et al

Avtom Prom, May 82

May 1, 1982

Page : 12

Collation : (3 p, 7 fig)

Document Type: JOURNAL Language: RUSSIAN

Record Type: ABSTRACT

Supplier Record Type: AA

**4/3/3 (Item 1 from file: 94)**

DIALOG(R)File 94:JICST-EPlus

(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

06225136 JICST ACCESSION NUMBER: 05A0942873 FILE SEGMENT: JICST-E

**Development of clutches for SH-AWD**

HIRAO YASUO (1); KATO MASANORI (1); KUNII RIKIYA (1); OISO KEIICHI (1);  
ISHITANI TETSUYA (2); FUNANE TOORU (2)

(1) Honda R & D. Co., Ltd., Tochigi Labs.; (2) Dynax Corp., JPN  
Jidosha Gijutsukai Gakujutsu Koenkai Maezurishu(Proceedings. JSAE Annual  
Congress), 2005, NO.120-05, PAGE.1-4, FIG.12, REF.3

JOURNAL NUMBER: S0434AAR ISSN NO: 0919-1364

UNIVERSAL DECIMAL CLASSIFICATION: 629.33.03 621.825+621.838.2/.5  
681.5.03.015

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Conference Proceeding

ARTICLE TYPE: Short Communication

MEDIA TYPE: Printed Publication

**4/3/4 (Item 2 from file: 94)**

DIALOG(R)File 94:JICST-EPlus

(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

06033926 JICST ACCESSION NUMBER: 05A0305023 FILE SEGMENT: JICST-E

**Development of Electronically Controlled Belt CVT "Honda S MATIC" for  
Motorcycles**

ASUMI MICHIO (1); ISHIKAWA HIDEO (1); MORI KAZUHIKO (1); MATSUDAIRA NAOTADA (1)  
(1) Honda R & D Co., Ltd., Asaka Labs.  
Honda R&D Tech Rev, 2005, VOL.17,NO.1, PAGE.73-79, FIG.16, TBL.1  
JOURNAL NUMBER: L0353AAK ISSN NO: 0915-3918  
UNIVERSAL DECIMAL CLASSIFICATION: 629.33.03 621.83 681.5.03.015  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Original paper  
MEDIA TYPE: Printed Publication

**4/3/5 (Item 3 from file: 94)**

DIALOG(R)File 94:JICST-EPlus  
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

05802277 JICST ACCESSION NUMBER: 04A0441591 FILE SEGMENT: JICST-E  
**Study for the improvement of operation feeling drive control system**  
MIZUMA HIROYUKI (1); KURIKI KOJI (1); YAMAMOTO DAISUKE (1); HAYAMI HIROSHI (1); HIROTA YUGO (1); SUZUKI YOSHIMASA (1); II MASAHICO (1); SAKATA SUMIO (1)  
(1) Nissan Mot. Co., Ltd.  
Jidosha Gijutsukai Gakujutsu Koenkai Maezurishu(Proceedings. JSAE Annual Congress), 2004, NO.31-04, PAGE.1-5, FIG.20, REF.2  
JOURNAL NUMBER: S0434AAR ISSN NO: 0919-1364  
UNIVERSAL DECIMAL CLASSIFICATION: 621.833 629.33.03  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Conference Proceeding  
ARTICLE TYPE: Commentary  
MEDIA TYPE: Printed Publication

**4/3/6 (Item 4 from file: 94)**

DIALOG(R)File 94:JICST-EPlus  
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

05793671 JICST ACCESSION NUMBER: 04A0441725 FILE SEGMENT: JICST-E  
**Research on a Simulation Method for Predicting Rattling Noise in a Manual Transmission Drivetrain**  
HANAI EIJI (1); MITANI MASAKAZU (1); NAKAMURA HIROMASA (1)  
(1) Honda R & D. Co., Ltd., Tochigi Labs.  
Jidosha Gijutsukai Gakujutsu Koenkai Maezurishu(Proceedings. JSAE Annual Congress), 2004, NO.40-04, PAGE.7-10, FIG.12, REF.4  
JOURNAL NUMBER: S0434AAR ISSN NO: 0919-1364  
UNIVERSAL DECIMAL CLASSIFICATION: 629.33.03  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Conference Proceeding  
ARTICLE TYPE: Commentary  
MEDIA TYPE: Printed Publication

**4/3/7 (Item 5 from file: 94)**

DIALOG(R)File 94:JICST-EPlus  
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

05686429 JICST ACCESSION NUMBER: 04A0120326 FILE SEGMENT: JICST-E  
**Viscous Coefficient Control of Homogeneous ER Fluid Using a Sliding Mode Control Method**  
NAKAMURA TARO (1); SAGA NORIHIKO (1); NAKAZAWA MASARU (2)  
(1) Akita Prefectural Univ., JPN; (2) Shinshu Univ., JPN



Denki Gakkai Ronbunshi. D(Transactions of the Institute of Electrical Engineers of Japan. D), 2004, VOL.124,NO.2, PAGE.247-254, FIG.13, REF.20

JOURNAL NUMBER: X0451AAJ ISSN NO: 0913-6339  
UNIVERSAL DECIMAL CLASSIFICATION: 007.52:681.51 621.825+621.838.2/.5  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Original paper  
MEDIA TYPE: Printed Publication

**4/3/8 (Item 6 from file: 94)**

DIALOG(R)File 94:JICST-EPlus  
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

05636801 JICST ACCESSION NUMBER: 04A0003482 FILE SEGMENT: JICST-E

**Drive Train for 03 Model GIGA**

TSURUOKA TAKUHIRO (1); KAMIJO HIROYOSHI (1)  
(1) Isuzu Motor Ltd., JPN  
Isuzu Giho(Isuzu Technical Journal), 2003, NO.110, PAGE.16-20, FIG.12  
JOURNAL NUMBER: F0091AAZ ISSN NO: 0287-5446  
UNIVERSAL DECIMAL CLASSIFICATION: 629.351  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Commentary  
MEDIA TYPE: Printed Publication

**4/3/9 (Item 7 from file: 94)**

DIALOG(R)File 94:JICST-EPlus  
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

05439511 JICST ACCESSION NUMBER: 03A0358310 FILE SEGMENT: JICST-E

**Development of a Bi-directional Wedge roller Traction-drive Reducer with Electronically Controllable Clutch Function**

TOYODA TOSHIRO (1); TANAKA HIROHISA (1)  
(1) Graduate School of Engineering, Yokohama National Univ., JPN  
Jidosha Gijutsukai Ronbunshu(Transaction of the Society of Automotive Engineers of Japan), 2003, VOL.34,NO.2, PAGE.67-71, FIG.11, TBL.1, REF.5

JOURNAL NUMBER: S0826AAW ISSN NO: 0287-8321  
UNIVERSAL DECIMAL CLASSIFICATION: 629.33.03 621.83  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Original paper  
MEDIA TYPE: Printed Publication

**4/3/10 (Item 8 from file: 94)**

DIALOG(R)File 94:JICST-EPlus  
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

04626825 JICST ACCESSION NUMBER: 00A0735662 FILE SEGMENT: JICST-E

**Development of Wet Friction-material for Automatic Transmission.**

MAEDA MAKOTO (1); CHIBA NOBUTAKA (2); DAIKUBARA TOMOYUKI (2); ISHITANI TETSUYA (3)  
(1) Jatokovtoransutekunoroji; (2) Nissan Mot. Co., Ltd.; (3) Dainakkusu Hinshitsu Kogaku(Journal of Quality Engineering Forum), 2000, VOL.8,NO.4, PAGE.39-46, FIG.9, TBL.6, REF.5  
JOURNAL NUMBER: L3004AAE

UNIVERSAL DECIMAL CLASSIFICATION: 629.33.03 658.562.012.7  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Original paper  
MEDIA TYPE: Printed Publication

**4/3/11 (Item 9 from file: 94)**

DIALOG(R)File 94:JICST-EPlus  
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

04073053 JICST ACCESSION NUMBER: 99A0582539 FILE SEGMENT: JICST-E  
**Development of the Facing of a Lock-up Clutch.**  
UMEZAWA SHIGEKI (1); FUJII TAMOTSU (1)  
(1) Enuesukevvana  
Jidosha Gijutsukai Gakujutsu Koenkai Maezurishu, 1998, NO.97-98, PAGE.1-4,  
FIG.11, TBL.1, REF.1  
JOURNAL NUMBER: S0434AAR ISSN NO: 0919-1364  
UNIVERSAL DECIMAL CLASSIFICATION: 629.33.03 621.83  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Conference Proceeding  
ARTICLE TYPE: Short Communication  
MEDIA TYPE: Printed Publication

**4/3/12 (Item 10 from file: 94)**

DIALOG(R)File 94:JICST-EPlus  
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

03609918 JICST ACCESSION NUMBER: 98A0504711 FILE SEGMENT: JICST-E  
**Study on Origin of Shudder under Slip Control of a Lock-Up Clutch in an Automatic Transmission. (Part 2). Relationship between Friction Characteristics under Shudder and Adsorption of Additives.**  
KATO YOSHIKI (1); AKASAKA RYOKO (1); YAMAZAKI TSUTOMU (1)  
(1) Nissan Mot. Co., Ltd., Cent. Eng. Lab.  
Toraiborojisuto(Journal of Japanese Society of Tribologists), 1998,  
VOL.43,NO.4, PAGE.309-316, FIG.12, TBL.5, REF.7  
JOURNAL NUMBER: F0390ABW ISSN NO: 0915-1168 CODEN: TORAE  
UNIVERSAL DECIMAL CLASSIFICATION: 629.33.03 665.6.022.3  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Original paper  
MEDIA TYPE: Printed Publication

**4/3/13 (Item 11 from file: 94)**

DIALOG(R)File 94:JICST-EPlus  
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

03422612 JICST ACCESSION NUMBER: 98A0016498 FILE SEGMENT: JICST-E  
**Shift Operation Control of Automatic Transmission by .MU.-Synthesis.**  
NAGAOKA MITSURU (1); NISHIYAMA YASUMA (1); NAKAYAMA YASUNARI (1); KAMADA SHIN'YA (1)  
(1) Mazda Mot. Corp.  
Jidosha Gijutsukai Gakujutsu Koenkai Maezurishu, 1997, NO.975, PAGE.285-288,  
FIG.7, REF.6  
JOURNAL NUMBER: S0434AAR ISSN NO: 0919-1364  
UNIVERSAL DECIMAL CLASSIFICATION: 629.33.03  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Conference Proceeding

ARTICLE TYPE: Short Communication  
MEDIA TYPE: Printed Publication

**4/3/14 (Item 12 from file: 94)**

DIALOG(R)File 94:JICST-EPlus

(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

03205989 JICST ACCESSION NUMBER: 97A0596613 FILE SEGMENT: JICST-E

**Studies of Friction Characteristics of the Wet Friction Material for the Vehicle. 1st Report: Friction Characteristics When Sliding Velocity is Fluctuated.**

NAGASAWA YUJI (1); OSAWA MASATAKA (1); ANDO KUNIHICO (2); YAMADA NORIYASU (2)

(1) Toyota Cent. Res. & Dev. Lab., Inc.; (2) Toyota Mot. Corp.

Nippon Kikai Gakkai Tsujo Sokai Koenkai Koen Ronbunshu(Proceedings of the International Sessions JSME Spring Annual Meeting), 1997, VOL.74th,NO.4, PAGE.15-16, FIG.5, REF.5

JOURNAL NUMBER: X0588AAU

UNIVERSAL DECIMAL CLASSIFICATION: 629.33.03 539.3/.5:669

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Conference Proceeding

ARTICLE TYPE: Short Communication

MEDIA TYPE: Printed Publication

**4/3/15 (Item 13 from file: 94)**

DIALOG(R)File 94:JICST-EPlus

(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

03147974 JICST ACCESSION NUMBER: 97A0246171 FILE SEGMENT: JICST-E

**New technology and new product of our company in 1996. New control system for friction screw press, PSC speed control (Precise Speed Control)**

Enomotokiko

Tanzo Giho(Technical Review. Forging Technology Institute of Japan), 1997, VOL.22,NO.68, PAGE.35-38, FIG.3

JOURNAL NUMBER: S0205BAG ISSN NO: 0285-8231

UNIVERSAL DECIMAL CLASSIFICATION: 669:621.733

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Introduction article

MEDIA TYPE: Printed Publication

**4/3/16 (Item 14 from file: 94)**

DIALOG(R)File 94:JICST-EPlus

(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

03042552 JICST ACCESSION NUMBER: 97A0078038 FILE SEGMENT: JICST-E

**Development of Mechanical Clutch Unit for ABS.**

ITO KEN'ICHIRO (1); YASUI MAKOTO (1); GOTO SHIRO (1)

(1) NTN Jidoshaseihinken

NTN Tech Rev, 1996, NO.65, PAGE.49-53, FIG.11, TBL.2

JOURNAL NUMBER: F0539ABT ISSN NO: 0915-0528

UNIVERSAL DECIMAL CLASSIFICATION: 629.33-592

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

4/3/17 (Item 15 from file: 94)

DIALOG(R)File 94:JICST-EPlus

(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

03008108 JICST ACCESSION NUMBER: 96A0748670 FILE SEGMENT: JICST-E

**Do You Know the Tribology for Automobiles? (5). Automatic Transmission.**

YOSHIMURA NARUHIKO (1)

(1) Tonen

Toraiborojisuto(Journal of Japanese Society of Tribologists), 1996,

VOL.41,NO.8, PAGE.659-662, FIG.6, TBL.2, REF.6

JOURNAL NUMBER: F0390ABW ISSN NO: 0915-1168 CODEN: TORAE

UNIVERSAL DECIMAL CLASSIFICATION: 629.33.03

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

4/3/18 (Item 16 from file: 94)

DIALOG(R)File 94:JICST-EPlus

(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

02325609 JICST ACCESSION NUMBER: 95A0443568 FILE SEGMENT: JICST-E

**Automatic Transmission Fluids for Lock-up Clutch Slip Control.**

NAKADA TAKANORI (1); UEDA FUMIO (1); MITSUI JUN'ICHI (2)

(1) Toyota Mot. Corp.; (2) Tonen Corp. Dev. Lab.

Jidosha Gijutsu(Journal of the Society of Automotive Engineers of Japan),

1995, VOL.49,NO.5, PAGE.84-88, FIG.13, TBL.1, REF.9

JOURNAL NUMBER: F0387AAJ ISSN NO: 0385-7298

UNIVERSAL DECIMAL CLASSIFICATION: 629.33.03 621.83 665.637

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

4/3/19 (Item 17 from file: 94)

DIALOG(R)File 94:JICST-EPlus

(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

02294045 JICST ACCESSION NUMBER: 95A0184289 FILE SEGMENT: JICST-E

**Measurement of dynamic friction characteristics of wet-clutch facing by two driving axes type of friction apparatus.**

YONEZAWA ATSUSHI (1); EGUCHI MASAO (2); YAMAMOTO TAKASHI (2)

(1) Tokyo Univ. of Agric. and Technol., Grad. Sch.; (2) Tokyo Univ. of Agric. and Technol., Fac. of Technol.

Nippon Kikai Gakkai Shinpojiumu Koen Ronbunshu, 1994, VOL.1994,NO.MPT '94

Shinpojiumu Dendo Sochi, PAGE.213-216, FIG.6, TBL.1, REF.3

JOURNAL NUMBER: X0585AAT

UNIVERSAL DECIMAL CLASSIFICATION: 621.825+621.838.2/.5

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Conference Proceeding

ARTICLE TYPE: Short Communication

MEDIA TYPE: Printed Publication

4/3/20 (Item 18 from file: 94)

DIALOG(R)File 94:JICST-EPlus

(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

02097972 JICST ACCESSION NUMBER: 94A0743909 FILE SEGMENT: JICST-E  
**Typical Properties of a Controllable Clutch Using Liquid Crystal.**  
MORISHITA SHIN (1); OKUBO SHUICHI (2); FUKUMASA MITSUO (2); YOSHIZAWA  
ATSUSHI (2); YOSHIDA KAZUO (3)  
(1) Yokohama Natl. Univ.; (2) Japan'enaji; (3) Kyoseki Giken  
Denjiryoku Kanren no Dainamikkusu Shinpojiumu Koen Ronbunshu(  
Electromagnetics Symposium Proceedings), 1994, VOL.6th, PAGE.205-208,  
FIG.7, TBL.1, REF.10  
JOURNAL NUMBER: L1079AAO  
UNIVERSAL DECIMAL CLASSIFICATION: 621.825+621.838.2/.5 544.252.22  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Conference Proceeding  
ARTICLE TYPE: Short Communication  
MEDIA TYPE: Printed Publication

4/3/21 (Item 19 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

00944280 JICST ACCESSION NUMBER: 90A0088616 FILE SEGMENT: JICST-E  
**Study about transient thermal analysis for transmission disk clutches at  
engage ON/OFF.**  
SUNAYAMA NOBORU (1)  
(1) Komatsu Ltd.  
Komatsu Giho(Komatsu Technical Report), 1989, VOL.35,NO.2, PAGE.138-151,  
FIG.17, TBL.4, REF.7  
JOURNAL NUMBER: F0180AAO ISSN NO: 0285-6069  
UNIVERSAL DECIMAL CLASSIFICATION: 629.33.05 621.825+621.838.2/.5  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Commentary  
MEDIA TYPE: Printed Publication

4/3/22 (Item 1 from file: 95)  
DIALOG(R)File 95:TEME-Technology & Management  
(c) 2006 FIZ TECHNIK. All rts. reserv.

00614966 M92103482554  
**Test control and monitoring of friction materials using a personal computer  
and the OS/2 operating system**  
(Steuerung und Ueberwachung der Pruefung von Reibwerkstoffen mit Hilfe des  
Personalrechners und des OS/2 Ablaufprogramms)  
Clark, DR; Clay, B  
SAE-Papers, v1992-3, nMay, pp1-9, 1992  
Document type: Conference paper Language: English  
Record type: Abstract  
ISSN: 0148-7191  
?

Searching 1976 to present...

Results of Search in 1976 to present db for:

((SPEC/"automatic clutch control" AND SPEC/speed) AND SPEC/friction) AND SPEC/coefficient): 8 patents.

Hits 1 through 8 out of 8

Jump To	<input type="text"/>
---------	----------------------

Refine Search	SPEC/"automatic clutch control" AND SPEC/speed
---------------	------------------------------------------------

---

PAT. NO.	Title
1 <u>5,847,272</u>	<u>T: Function testing device for an actuator system such as a automatic friction clutch used with a motor vehicle gearbox</u>
2 <u>5,590,563</u>	<u>T: Electronically controlled transmission</u>
3 <u>5,439,428</u>	<u>T: Method and apparatus for robust automatic clutch control with pid regulation</u>
4 <u>5,403,249</u>	<u>T: Method and apparatus for robust automatic clutch control</u>
5 <u>5,277,286</u>	<u>T: Method of controlling automatic clutch for motor vehicles</u>
6 <u>4,778,038</u>	<u>T: Control apparatus for automobile clutch</u>
7 <u>4,632,231</u>	<u>T: Method of controlling the starting of a vehicle having automatic clutch</u>
8 <u>4,618,043</u>	<u>T: Method for automatic control of a motor vehicle clutch</u>

Searching 1976 to present...

Results of Search in 1976 to present db for:

((SPEC/"automatic clutch control" AND SPEC/speed) AND SPEC/transmission) AND SPEC/coefficient): 9 patents.

Hits 1 through 9 out of 9

Jump To	<input type="text"/>
---------	----------------------

Refine Search	SPEC/"automatic clutch control" AND SPEC/speed
---------------	------------------------------------------------

PAT. NO.	Title
1 <u>6,769,526</u>	<b>T</b> <u>Apparatus for estimating clutch temperature</u>
2 <u>5,847,272</u>	<b>T</b> <u>Function testing device for an actuator system such as a automatic friction clutch used with a motor vehicle gearbox</u>
3 <u>5,590,563</u>	<b>T</b> <u>Electronically controlled transmission</u>
4 <u>5,439,428</u>	<b>T</b> <u>Method and apparatus for robust automatic clutch control with pid regulation</u>
5 <u>5,403,249</u>	<b>T</b> <u>Method and apparatus for robust automatic clutch control</u>
6 <u>5,277,286</u>	<b>T</b> <u>Method of controlling automatic clutch for motor vehicles</u>
7 <u>4,778,038</u>	<b>T</b> <u>Control apparatus for automobile clutch</u>
8 <u>4,632,231</u>	<b>T</b> <u>Method of controlling the starting of a vehicle having automatic clutch</u>
9 <u>4,618,043</u>	<b>T</b> <u>Method for automatic control of a motor vehicle clutch</u>